

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/801,648A
Source: JFW/6
Date Processed by STIC: 07/06/2006

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IFW16

RAW SEQUENCE LISTING

DATE: 07/06/2006

PATENT APPLICATION: US/10/801,648A

TIME: 17:04:12

Input Set : A:\V9661074.APP

Output Set: N:\CRF4\07062006\J801648A.raw

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3 <110> APPLICANT: CHEN, YAN
4     KUNG, HSIANG-FU
5     LIN, MARIE C.M.
6     LUK, K.D.K.
8 <120> TITLE OF INVENTION: A COMBINED ADENO-ASSOCIATED VIRUS AND ADENOVIRUS
9     COCKTAIL GENE DELIVERY SYSTEM FOR HIGH EFFICIENCY
10    GENE EXPRESSION WITHOUT ELICITING IMMUNE
11    RESPONSE IN IMMUNO-COMPETENT SUBJECTS
13 <130> FILE REFERENCE: V9661.0074
15 <140> CURRENT APPLICATION NUMBER: 10/801,648A
16 <141> CURRENT FILING DATE: 2004-03-17
18 <150> PRIOR APPLICATION NUMBER: 60/455,188
19 <151> PRIOR FILING DATE: 2003-03-17
21 <160> NUMBER OF SEQ ID NOS: 2
23 <170> SOFTWARE: PatentIn Ver. 3.3
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 1191
27 <212> TYPE: DNA
28 <213> ORGANISM: Homo sapiens
30 <400> SEQUENCE: 1
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33 ccctcatccc agccctctga cgaggtctcg agcgagtctc agttgcggct gctcagcatg 180
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42 cacgccaacc atggattcgt ggtggaagt gcccacttg aggagaaaca aggtgtctcc 720
43 aagagacatg ttaggataag caggtctttg caccaagatg aacacagctg gtcacagata 780
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46 ttgtacgtgg acttcagtga cgtgggggtg aatgactgga ttgtggctcc cccgggggat 960
47 cacgcctttt actgccacgg agaatgccct tttcctctgg ctgatcatct gaactccact 1020
48 aatcatgcca ttgttcagac gttgggtcaac tctgttaact ctaagattcc taaggcatgc 1080
49 tgtgtcccga cagaactcag tgctatctcg atgctgtacc ttgacgagaa tgaaaaggtt 1140
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55 <211> LENGTH: 396
56 <212> TYPE: PRT

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57 <213> ORGANISM: Homo sapiens
59 <400> SEQUENCE: 2
60 Met Val Ala Gly Thr Arg Cys Leu Leu Ala Leu Leu Leu Pro Gln Val
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63 Leu Leu Gly Gly Ala Ala Gly Leu Val Pro Glu Leu Gly Arg Arg Lys
64           20           25           30
66 Phe Ala Ala Ala Ser Ser Gly Arg Pro Ser Ser Gln Pro Ser Asp Glu
67           35           40           45
69 Val Leu Ser Glu Phe Glu Leu Arg Leu Leu Ser Met Phe Gly Leu Lys
70           50           55           60
72 Gln Arg Pro Thr Pro Ser Arg Asp Ala Val Val Pro Pro Tyr Met Leu
73   65           70           75           80
75 Asp Leu Tyr Arg Arg His Ser Gly Gln Pro Gly Ser Pro Ala Pro Asp
76           85           90           95
78 His Arg Leu Glu Arg Ala Ala Ser Arg Ala Asn Thr Val Arg Ser Phe
79           100          105          110
81 His His Glu Glu Ser Leu Glu Glu Leu Pro Glu Thr Ser Gly Lys Thr
82           115          120          125
84 Thr Arg Arg Phe Phe Phe Asn Leu Ser Ser Ile Pro Thr Glu Glu Phe
85           130          135          140
87 Ile Thr Ser Ala Glu Leu Gln Val Phe Arg Glu Gln Met Gln Asp Ala
88 145           150          155          160
90 Leu Gly Asn Asn Ser Ser Phe His His Arg Ile Asn Ile Tyr Glu Ile
91           165          170          175
93 Ile Lys Pro Ala Thr Ala Asn Ser Lys Phe Pro Val Thr Arg Leu Leu
94           180          185          190
96 Asp Thr Arg Leu Val Asn Gln Asn Ala Ser Arg Trp Glu Ser Phe Asp
97           195          200          205
99 Val Thr Pro Ala Val Met Arg Trp Thr Ala Gln Gly His Ala Asn His
100          210          215          220
102 Gly Phe Val Val Glu Val Ala His Leu Glu Glu Lys Gln Gly Val Ser
103 225          230          235          240
105 Lys Arg His Val Arg Ile Ser Arg Ser Leu His Gln Asp Glu His Ser
106           245          250          255
108 Trp Ser Gln Ile Arg Pro Leu Leu Val Thr Phe Gly His Asp Gly Lys
109           260          265          270
111 Gly His Pro Leu His Lys Arg Glu Lys Arg Gln Ala Lys His Lys Gln
112           275          280          285
114 Arg Lys Arg Leu Lys Ser Ser Cys Lys Arg His Pro Leu Tyr Val Asp
115           290          295          300
117 Phe Ser Asp Val Gly Trp Asn Asp Trp Ile Val Ala Pro Pro Gly Tyr
118 305           310          315          320
120 His Ala Phe Tyr Cys His Gly Glu Cys Pro Phe Pro Leu Ala Asp His
121           325          330          335
123 Leu Asn Ser Thr Asn His Ala Ile Val Gln Thr Leu Val Asn Ser Val
124           340          345          350
126 Asn Ser Lys Ile Pro Lys Ala Cys Cys Val Pro Thr Glu Leu Ser Ala
127           355          360          365
129 Ile Ser Met Leu Tyr Leu Asp Glu Asn Glu Lys Val Val Leu Lys Asn

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132	Tyr	Gln	Asp	Met	Val	Val	Glu	Gly	Cys	Gly	Cys	Arg
133	385	390	395									

VERIFICATION SUMMARY

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